embraco

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EMBRACO®
Condensing Units

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EMBRACO®
Condensing Units

Introduction and Overview

Developed for harsh Australian conditions, the Embraco® Hi-Ambient condensing units are rated for operation up to 43°C ambient.

Designed around your application, Embraco® condensing units are suitable for reach ins, under counters, prep tables, freezers and cold rooms, as well as other food service, retail and hospitality refrigeration applications.

Features & Benefits

The Embraco® Condensing Units offer proven design attributes to be installation ready:

- Incorporating an Embraco® compressor to deliver reliability and proven performance
- Subtropical condenser optimises efficiency and airflow for continuous operation at up to 43°C ambient temperatures and Supertropical operating up to 46°C
- Lower noise and vibration levels through clever compressor design
- Compact footprint for ease of installation
- Complete capacity range up to 1.5HP

Embraco® Condensing Units Nomenclature

U	NE	K	6	2	12	GK

Primary Refrigerant
Z: R513A
GK: R448A (Single Phase)

Compressor Cooling Capacity
Capacity in Kcal/h in 50Hz
M/HBP = 7.2°C SST, 54.4°C SCT, 35°C Ambient
LBP = -23.3°C SST, 54.4°C SCT, 32.2°C Ambient

Multiplier
Number of Zero's to add to capacity

Application
2 - Low HST 6 - High/Medium HST 9 - High/Medium HST

Compressor Generation
- 1ST K - 2ND T - 3RD U - 4TH Y - 5TH

Compressor Family
EM - NE - NJ - NT

Condenser Type
U: Subtropical unit approved up to 43°C
US: Supertropical unit approved up to 46°C

EMBRACO® SUBTROPICAL CONDENSING UNITS
R448A Low Temperature Performance Data

MODEL NUMBER	AMBIENT TEMP. °C	CAPACITY (WATTS)						
		SATURATED SUCTION TEMPERATURE (SST) °C						
		-40	-35	-30	-25	-20	-15	-10
UNEK2125GK	32	101	141	190	250	321	421	535
	43	79	117	164	220	285	373	471
UNEK2134GK	32	-	200	269	354	458	604	771
	43	-	164	224	299	391	518	657
UNEK2150GK	32	-	272	362	465	588	765	975
	43	-	245	326	419	534	695	890
UNEK2168GK	32	-	318	418	554	721	950	1200
	43	-	287	366	480	627	826	1045
UNT2178GK	32	246	347	472	623	805	1058	1346
	43	180	261	362	487	640	848	1088
UNT2180GK	32	305	438	586	750	937	1199	1496
	43	239	350	479	635	826	1090	1404
UNT2212GK	32	475	628	825	1064	1342	1718	2122
	43	392	536	721	941	1197	1292	1875

EMBRACO® SUPERTROPICAL CONDENSING UNITS
R448A Low Temperature Performance Data

MODEL NUMBER	AMBIENT TEMP. °C	CAPACITY (WATTS)						
		SATURATED SUCTION TEMPERATURE (SST) °C						
		-40	-35	-30	-25	-20	-15	-10
USNJ2192GK	32	403	563	751	985	1256	1580	1935
	43	343	448	620	822	1050	1321	1610
	46	-	-	-	-	-	-	-
USNJ2212GK	32	496	687	934	1235	1588	2068	2595
	43	344	539	776	1055	1376	1786	2221
	46	-	-	-	-	-	-	-

EMBRACO® SUBTROPICAL CONDENSING UNITS
R448A Medium/High Temperature Performance Data

MODEL NUMBER	AMBIENT TEMP. °C	CAPACITY (WATTS)						
		SATURATED SUCTION TEMPERATURE (SST) °C						
		-20	-15	-10	-5	0	5	10
UNEK6144GK	32	291	368	473	582	719	866	1015
	43	244	311	407	512	634	780	918
UNEK6165GK	32	376	479	616	777	948	1152	1359
	43	363	467	577	704	856	1024	1204
UNEK6181GK	32	416	550	704	878	1079	1301	1543
	43	382	508	651	819	997	1214	1438
UNEK6210GK	32	441	582	742	919	1119	1332	1550
	43	371	483	613	767	926	1114	1302
UNEK6213GK	32	609	750	919	1089	1274	1444	1615
	43	479	615	753	891	1039	1191	1344
UNEK6217GK	32	734	912	1123	1334	1588	1836	2102
	43	617	775	944	1114	1301	1482	1669
UNT6217GK	32	614	824	1075	1358	1679	2015	2354
	43	551	746	980	1254	1539	1864	2172
UNT6220GK	32	863	1117	1389	1684	2033	2429	2883
	43	776	1002	1242	1520	1818	2199	2624
UNT6222GK	32	871	1156	1487	1853	2264	2690	3115
	43	722	980	1278	1623	1976	2373	2749
UNT6226GK	32	1134	1495	1918	2389	2912	3449	3971
	43	965	1278	1646	2072	2503	2983	3420

EMBRACO® SUPERTROPICAL CONDENSING UNITS
R448A Medium/High Temperature Performance Data

MODEL NUMBER	AMBIENT TEMP. °C	CAPACITY (WATTS)						
		SATURATED SUCTION TEMPERATURE (SST) °C						
		-20	-15	-10	-5	0	5	10
USNJ9226GK	32	944	1287	1702	2181	2730	3321	3926
	43	778	1074	1431	1859	2314	2842	3369
	46	-	838	1116	1450	1805	-	-
USNJ9232GK	32	1270	1698	2169	2678	3256	3875	4536
	43	1089	1446	1847	2311	2803	3397	4018
	46	-	1128	1440	1803	2186	-	-
USNJ9238GK	32	1430	2020	2720	3416	4463	5497	6607
	43	1232	1746	2362	3103	3911	4879	5888
	46	-	1362	1842	2420	3051	-	-

EMBRACO® SUBTROPICAL CONDENSING UNITS

R513A Medium/High Temperature Performance Data

MODEL NUMBER	AMBIENT TEMP. °C	CAPACITY (WATTS)					
		SATURATED SUCTION TEMPERATURE (SST) °C					
		-15	-10	-5	0	5	10
UEMT6144Z	32	287	349	413	484	563	648
	43	245	298	355	419	489	-
UEMT6160Z	32	378	457	540	633	734	842
	43	324	394	469	551	639	-
UNEK6170Z	32	402	487	574	671	774	885
	43	325	393	468	555	653	763
UNEK6187Z	32	476	582	697	831	980	1146
	43	413	522	635	757	889	1028
UNEK6210Z	32	535	652	773	905	1043	1191
	43	413	522	635	757	889	1028
UNEK6212Z	32	618	745	886	1049	1230	1429
	43	514	630	758	907	1072	1254
UNEK6214Z	32	708	856	1014	1192	1386	1595
	43	573	704	843	998	1167	1349
UNT6217Z	32	886	1073	1287	1542	1837	2173
	43	719	902	1106	1346	1618	1925
UNT6220Z	32	1042	1280	1550	1854	2176	2503
	43	834	1050	1298	1576	1869	2166
UNJ6220Z	32	1136	1407	1697	2021	2372	2751
	43	916	1166	1429	1718	2026	2354
UNJ6226Z	32	1398	1726	2051	2394	2747	3110
	43	1179	1464	1751	2059	2380	2713

EMBRACO® SUBTROPICAL CONDENSING UNITS

R134a Medium/High Temperature Performance Data

MODEL NUMBER	AMBIENT TEMP. °C	CAPACITY (WATTS)					
		SATURATED SUCTION TEMPERATURE (SST) °C					
		-15	-10	-5	0	5	10
UEMT6144Z	32	247	309	376	451	534	624
	43	204	270	339	412	489	-
UEMT6160Z	32	334	412	500	597	706	825
	43	300	369	445	529	621	-
UNEK6170Z	32	336	419	513	619	735	682
	43	264	334	415	505	605	-
UNEK6187Z	32	416	517	634	767	915	1081
	43	324	412	511	624	751	-
UNEK6210Z	32	467	580	703	835	975	1123
	43	360	464	577	699	830	-
UNEK6212Z	32	540	663	806	968	1149	1348
	43	449	560	690	837	1001	-
UNEK6214Z	32	619	762	923	1100	1294	1505
	43	501	627	766	921	1089	-
UNT6217Z	32	773	954	1170	1424	1716	2049
	43	628	803	1007	1242	1511	-
UNT6220Z	32	910	1140	1410	1711	2032	2361
	43	728	935	1181	1455	1745	-
UNJ6220Z	32	992	1252	1543	1865	2216	2595
	43	800	1038	1300	1585	1892	-
UNJ6226Z	32	1221	1536	1865	2209	2565	2933
	43	1030	1303	1593	1900	2222	-

EMBRACO® SUBTROPICAL CONDENSING UNITS
R404A Medium/High Temperature Performance Data

MODEL NUMBER	AMBIENT TEMP. °C	CAPACITY (WATTS)						
		SATURATED SUCTION TEMPERATURE (SST) °C						
		-20	-15	-10	-5	0	5	10
UNEK6144GK	32	312	364	432	513	604	700	799
	43	247	291	352	426	509	598	-
UNEK6165GK	32	452	519	622	726	855	993	1066
	43	413	505	599	698	808	931	-
UNEK6181GK	32	446	544	653	773	906	1053	1215
	43	386	475	573	681	799	931	-
UNEK6210GK	32	501	610	729	858	996	1142	1294
	43	398	480	573	676	787	906	-
UNEK6213GK	32	685	831	983	1142	1306	1476	1652
	43	542	659	783	914	1053	1197	-
UNEK6217GK	32	829	1010	1203	1410	1629	1860	2102
	43	694	830	980	1143	1318	1506	-
UNT6217GK	32	730	898	1088	1296	1522	1763	2017
	43	620	763	924	1103	1296	1503	-
UNT6220GK	32	833	1045	1266	1494	1730	1974	2226
	43	653	834	1027	1230	1444	1669	-
UNT6222GK	32	990	1212	1461	1731	2015	2307	2601
	43	774	973	1194	1431	1679	1930	-
UNT6226GK	32	1289	1567	1885	2231	2592	2958	3315
	43	1034	1269	1537	1827	2127	2426	-

EMBRACO® SUPERTROPICAL CONDENSING UNITS
R404A Medium/High Temperature Performance Data

MODEL NUMBER	AMBIENT TEMP. °C	CAPACITY (WATTS)						
		SATURATED SUCTION TEMPERATURE (SST) °C						
		-20	-15	-10	-5	0	5	10
USNJ9226GK	32	1174	1505	1862	2251	2682	3162	3699
	43	923	1207	1519	1870	2266	2715	3163
	46	-	849	1107	1413	1767	2179	-
USNJ9232GK	32	1444	1780	2131	2501	2896	3323	3787
	43	1167	1436	1725	2038	2382	2763	3182
	46	-	1023	1238	1482	1765	2091	-
USNJ9238GK	32	1950	2437	2967	3540	4155	4814	5515
	43	1658	2072	2522	3010	3534	4094	4721
	46	-	1634	1988	2374	2789	3230	-

EMBRACO® SUBTROPICAL CONDENSING UNITS
R452A Low Temperature Performance Data

MODEL NUMBER	AMBIENT TEMP. °C	CAPACITY (WATTS)						
		SATURATED SUCTION TEMPERATURE (SST) °C						
		-40	-35	-30	-25	-20	-15	-10
UNEK2125GK	32	128	175	231	296	371	456	553
	43	91	135	184	241	303	373	452
UNEK2134GK	32	184	248	326	420	529	655	796
	43	137	188	251	328	417	519	634
UNEK2150GK	32	242	338	440	551	679	829	1006
	43	198	280	366	460	568	697	852
UNEK2168GK	32	322	394	508	656	832	1029	1238
	43	288	329	410	526	668	829	966
UNT2178GK	32	373	470	599	757	943	1156	1394
	43	240	324	431	559	706	872	1054
UNT2180GK	32	460	596	744	911	1098	1309	1550
	43	320	436	570	727	911	1124	1370
UNT2212GK	32	714	852	1048	1291	1571	1876	2198
	43	522	668	856	1078	1321	1574	1830

EMBRACO® SUPERTROPICAL CONDENSING UNITS
R452A Low Temperature Performance Data

MODEL NUMBER	AMBIENT TEMP. °C	CAPACITY (WATTS)						
		SATURATED SUCTION TEMPERATURE (SST) °C						
		-40	-35	-30	-25	-20	-15	-10
USNJ2192GK	32	442	621	801	1042	1317	1622	1945
	43	377	583	790	872	1268	1526	1261
	46	-	-	575	771	984	-	-
USNJ2212GK	32	703	898	1149	1442	1766	2107	2454
	43	478	612	881	1174	1480	1783	2073
	46	-	-	641	1039	1149	-	-

EMBRACO® SUBTROPICAL CONDENSING UNITS
R404A Low Temperature Performance Data

MODEL NUMBER	AMBIENT TEMP. °C	CAPACITY (WATTS)						
		SATURATED SUCTION TEMPERATURE (SST) °C						
		-40	-35	-30	-25	-20	-15	-10
UNEK2125GK	32	148	196	251	315	387	468	558
	43	108	154	205	262	324	392	-
UNEK2134GK	32	213	277	335	421	521	633	758
	43	162	214	263	336	419	514	-
UNEK2150GK	32	279	377	451	553	668	802	958
	43	236	320	383	471	572	690	-
UNEK2168GK	32	370	440	520	658	819	996	1179
	43	338	375	430	539	672	820	-
UNT2178GK	32	360	480	587	740	915	1109	1323
	43	249	341	426	547	686	842	-
UNT2180GK	32	446	608	729	891	1065	1257	1470
	43	329	458	564	714	885	1082	-
UNT2212GK	32	694	870	1027	1264	1525	1801	2085
	43	539	702	848	1057	1283	1516	-

EMBRACO® SUPERTROPICAL CONDENSING UNITS
R404A Low Temperature Performance Data

MODEL NUMBER	AMBIENT TEMP. °C	CAPACITY (WATTS)						
		SATURATED SUCTION TEMPERATURE (SST) °C						
		-40	-35	-30	-25	-20	-15	-10
USNJ2192GK	32	505	723	958	1212	1485	1780	2096
	43	352	534	729	937	1159	1397	1652
	46	-	307	454	607	768	937	-
USNJ2212GK	32	792	898	1162	1467	1805	2168	2550
	43	492	665	913	1186	1475	1774	2085
	46	-	385	614	849	1079	1301	-

Capacity Correction Factors

Liquid Entering Temperature varies with condensing temperature, with inherent sub-cooling averaging 2 to 3K. The following factors may be used with sufficient accuracy for capacity correction as required.

Return Vapour Temperature should never exceed 20°C for M/HBP applications. Max superheat for LBP application is 20K.

SST	-40	-30	-20	-10	0	10
R404A	0.85	0.87	0.90	0.92	0.96	1
R448A	0.73	0.81	0.87	0.93	0.98	1
R452A	0.84	0.86	0.89	0.91	0.94	1
R134a	-	0.94	0.96	0.97	0.98	1
R513A	-	0.94	0.96	0.97	0.98	1

Multiply rated capacity by factor to get capacity at 10K superheat.

Product Specification

- Supported through smart@ccess with product selection and heatload information
- Complementary Kirby Select™ Project Tool assists with project estimations.
- Refer to smart@ccess for rating conditions on alternate refrigerants.

EMBRACO® SUBTROPICAL CONDENSING UNITS R448A / R452A / R404A

Subtropical Medium/High Temperature Performance Data

MODEL NUMBER	APPLICATION	HP	UNIT POWER (WATTS)	RATED LOAD AMPS	LOCKED ROTOR AMPS	COMPRESSOR MODEL	DISP (cc)	MOTOR TYPE	AIR FLOW (L/Sec)	FANS (QTY x DIA.)	LIQUID RECEIVER VOLUME (Litres)	SOUND POWER LEVEL DB(A)	SOUND PRESSURE LEVEL DB(A) @ 3M
UNEK6144GK	M/H	1/4	282	2.2	9.6	NEK6144GK	4.5	CSIR	83.3	1 x 230	1	62	43
UNEK6165GK	M/H	1/3	437	2.8	12.4	NEK6165GK	6.2	CSIR	116.6	1 x 230	1	62	43
UNEK6181GK	M/H	3/8	474	2.7	12.0	NEK6181GK	7.4	CSIR	165.3	1 x 254	1	65	45
UNEK6210GK	M/H	1/2	526	4.2	16.1	NEK6210GK	8.8	CSIR	165.3	1 x 254	1	65	45
UNEK6213GK	M/H	5/8	749	5.4	19.3	NEK6213GK	12.1	CSIR	165.3	1 x 254	1	66	47
UNEK6217GK	M/H	3/4	806	5.5	12.5	NEK6217GK	14.3	CSIR	177.7	1 x 275	1	69	49
UNT6217GK	M/H	3/4	683	3.6	23.0	NT6217GK	12.5	CSIR	177.7	1 x 275	2.3	69	49
UNT6220GK	M/H	3/4	785	5.2	29.5	NT6220GK	14.5	CSR	177.7	1 x 275	2.3	71	51
UNT6222GK	M/H	7/8	945	7.7	30.0	NT6222GK	17.4	CSR	177.7	1 x 275	2.3	71	51
UNT6226GK	M/H	1	1172	7.3	38.0	NT6226GK	22.4	CSR	194.4	1 x 300	2.3	70	50

Supertropical Medium/High Temperature Performance Data

MODEL NUMBER	APPLICATION	HP	UNIT POWER (WATTS)	RATED LOAD AMPS	LOCKED ROTOR AMPS	COMPRESSOR MODEL	DISP (cc)	MOTOR TYPE	AIR FLOW (L/Sec)	FANS (QTY x DIA.)	LIQUID RECEIVER VOLUME (Litres)	SOUND POWER LEVEL DB(A)	SOUND PRESSURE LEVEL DB(A) @ 3M
USNJ9226GK	M/H	1	1021	4.4	27.5	NJ9226GK	21.7	CSR	402.7	1 x 300	2.3	70	50
USNJ9232GK	M/H	1-1/4	1401	7.78	43.0	NJ9232GK	26.1	CSR	361.1	1 x 300	2.3	72	52
USNJ9238GK	M/H	1-1/2	1827	11.0	43.0	NJ9238GK	32.7	CSR	611.1	1 x 330	2.3	73	53

Subtropical Low Temperature Performance Data

MODEL NUMBER	APPLICATION	HP	UNIT POWER (WATTS)	RATED LOAD AMPS	LOCKED ROTOR AMPS	COMPRESSOR MODEL	DISP (cc)	MOTOR TYPE	AIR FLOW (L/Sec)	FANS (QTY x DIA.)	LIQUID RECEIVER VOLUME (Litres)	SOUND POWER LEVEL DB(A)	SOUND PRESSURE LEVEL DB(A) @ 3M
UNEK2125GK	L	1/3	274	2.48	12.4	NEK2125GK	6.2	CSIR	116.7	1 x 230	1	61	42
UNEK2134GK	L	1/2	372	2.77	16.1	NEK2134GK	8.8	CSIR	165.3	1 x 254	1	64	44
UNEK2150GK	L	3/4	519	3.52	19.5	NEK2150GK	12.1	CSIR	165.3	1 x 254	1	64	44
UNEK2168GK	L	3/4	543	4.20	18.5	NEK2168GK	14.3	CSIR	127.7	1 x 254	1	64	44
UNT2178GK	L	3/4	733	4.24	25.0	NT2178GK	17.4	CSIR	127.7	1 x 254	2.3	65	45
UNT2180GK	L	1	742	5.80	35.0	NT2180GK	20.4	CSIR	127.7	1 x 254	2.3	66	46
UNT2212GK	L	1-1/2	994	5.25	33.0	NT2212GK	27.8	CSR	222.2	1 x 275	2.3	70	50

Supertropical Low Temperature Performance Data

MODEL NUMBER	APPLICATION	HP	UNIT POWER (WATTS)	RATED LOAD AMPS	LOCKED ROTOR AMPS	COMPRESSOR MODEL	DISP (cc)	MOTOR TYPE	AIR FLOW (L/Sec)	FANS (QTY x DIA.)	LIQUID RECEIVER VOLUME (Litres)	SOUND POWER LEVEL DB(A)	SOUND PRESSURE LEVEL DB(A) @ 3M
USNJ2192GK	L	1-1/4	909	6.58	26.0	NJ2192GK	26.1	CSR	402.7	1 x 300	2.3	72	52
USNJ2212GK	L	1-1/2	1193	8.83	36.0	NJ2212GK	34.4	CSR	402.7	1 x 300	2.3	72	52

EMBRACO® SUBTROPICAL CONDENSING UNITS R513A / R134a

Subtropical Medium/High Temperature Performance Data

MODEL NUMBER	APPLICATION	HP	UNIT POWER (WATTS)	RATED LOAD AMPS	LOCKED ROTOR AMPS	COMPRESSOR MODEL	DISP (cc)	MOTOR TYPE	AIR FLOW (L/Sec)	FANS (QTY x DIA.)	LIQUID RECEIVER VOLUME (Litres)	SOUND POWER LEVEL DB(A)	SOUND PRESSURE LEVEL DB(A) @ 3M
UEMT6144Z	M/H	1/5	194	1.5	8.5	EMT6144Z	5.2	RSIR	83.3	1 x 200	.76	60	41
UEMT6160Z	M/H	1/4	253	1.87	13.5	EMT6160Z	6.8	CSIR	116.7	1 x 230	.76	61	42
UNEK6170Z	M/H	1/4	284	2.35	12.4	NEK6170Z	8.4	CSIR	116.7	1 x 230	1	61	42
UNEK6187Z	M/H	1/3	349	3.43	16.1	NEK6187Z	10	CSIR	88.8	1 x 254	1	65	45
UNEK6210Z	M/H	1/3	435	2.9	16.1	NEK6210Z	12.1	CSIR	165.3	1 x 254	1	65	45
UNEK6212Z	M/H	1/2	495	3.95	19.5	NEK6212Z	14.3	CSIR	165.3	1 x 254	1	65	45
UNEK6214Z	M/H	1/2	589	5.17	21.2	NEK6214Z	16.8	CSIR	165.3	1 x 254	1	65	45
UNT6217Z	M/H	3/4	655	5.43	25.0	NT6217Z	20.4	CSIR	177.7	1 x 275	2.3	68	48
UNJ6220Z	M/H	1	854	6.45	35.0	NJ6220Z	26.1	CSIR	177.7	1 x 275	2.3	72	52
UNT6220Z	M/H	1	694	5.99	28.0	NT6220Z	22.4	CSIR	177.7	1 x 275	2.3	70	50
UNJ6226Z	M/H	1-1/4	1031	6.75	31.0	NJ6226Z	34.4	CSR	177.7	1 x 275	2.3	72	52

Total unit input power = Compressor input (-5°c SST/+AMB35 or -25°c SST/+AMB35) + total fan motor input

*Total unit RLA = Compressor RLA (-5°c SST/+AMB35 or -25°c SST/+AMB35) + total fan motor RLA.

*Sound pressure level at 3m distance from the unit can be estimated using various deductions depending on the location of the unit.

*Based on R404 or R134a application.

EMBRACO® CONDENSING UNITS
Dimensional Data

	MODEL NUMBER	CONNECTION (in)		DIMENSION (mm)			FIGURE DRAWING*	NET WEIGHT (kg)
		SUCTION	LIQUID	DEPTH	WIDTH	HEIGHT		
R513A / R134a MT/HT	UEMT6144Z	1/4	3/8	430	308	226	1	15
	UNEK6170Z	1/4	3/8	465	340	296	2	21
	UNEK6187Z	1/4	3/8	465	340	296	2	21
	UNEK6210Z	1/4	3/8	465	340	296	2	22
	UNEK6212Z	1/4	3/8	465	340	296	2	22
	UNEK6214Z	1/4	3/8	465	340	296	2	22
	UNT6217Z	3/8	1/2	470	395	324	3	30
	UNJ6220Z	3/8	1/2	470	395	324	4	34
	UNT6220Z	3/8	1/2	480	410	324	3	35
	UNJ6226Z	3/8	5/8	480	410	324	4	38
R448A / R452A / R404A LT	UNEK2125GK	1/4	3/8	480	300	254	2	18
	UNEK2150GK	1/4	3/8	467	340	296	2	20
	UNEK2168GK	1/4	3/8	467	340	296	2	20
	UNT2178GK	1/4	3/8	476	340	296	3	33
	UNT2180GK	1/4	3/8	476	340	296	3	29
	UNT2212GK	3/8	1/2	470	395	324	3	34
	USNJ2192GK	3/8	1/2	482	411	372	4	38
	USNJ2212GK	3/8	5/8	482	411	372	4	39
R448A / R404A MT/HT	UNEK6144GK	1/4	3/8	430	290	226	2	15
	UNEK6165GK	1/4	3/8	435	308	254	2	17
	UNEK6181GK	1/4	3/8	465	340	296	2	21
	UNEK6210GK	1/4	3/8	465	340	296	2	21
	UNEK6213GK	1/4	3/8	465	340	296	2	21
	UNEK6217GK	1/4	3/8	470	395	324	2	29
	UNT6217GK	3/8	1/2	470	395	324	3	33
	UNT6220GK	3/8	1/2	470	395	324	3	33
	UNT6222GK	3/8	1/2	470	395	324	3	31
	UNT6226GK	3/8	1/2	500	405	405	3	35
	USNJ9226GK	3/8	5/8	600	440	372	4	53
	USNJ9232GK	1/2	5/8	600	440	372	4	53
	USNJ9238GK	1/2	5/8	600	440	426	4	54

*

* Figure Drawings can be accessed on pg13.

Fig. 1

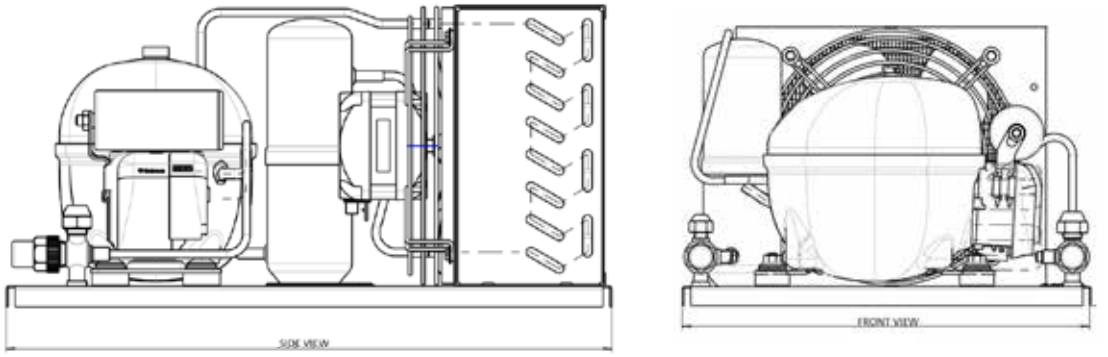


Fig. 2

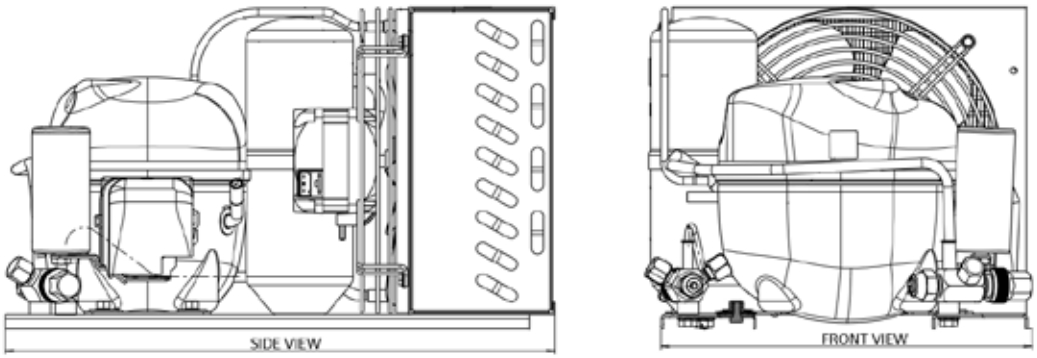


Fig. 3

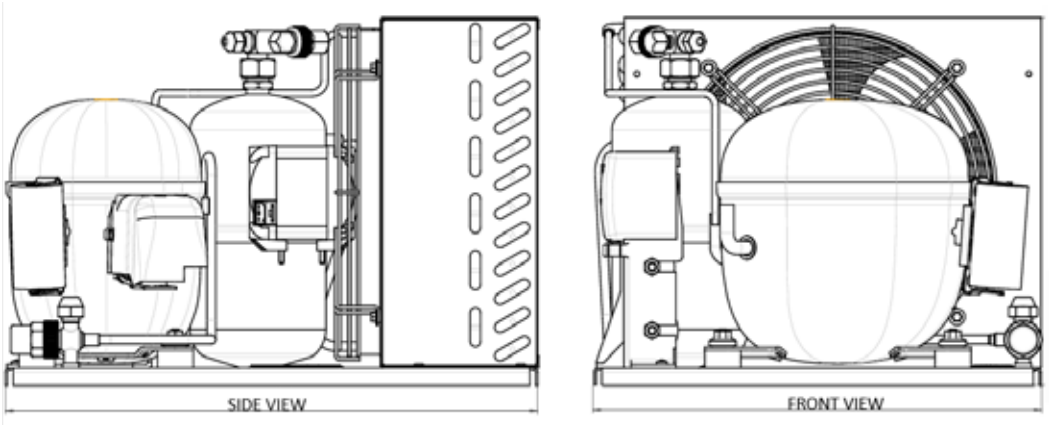
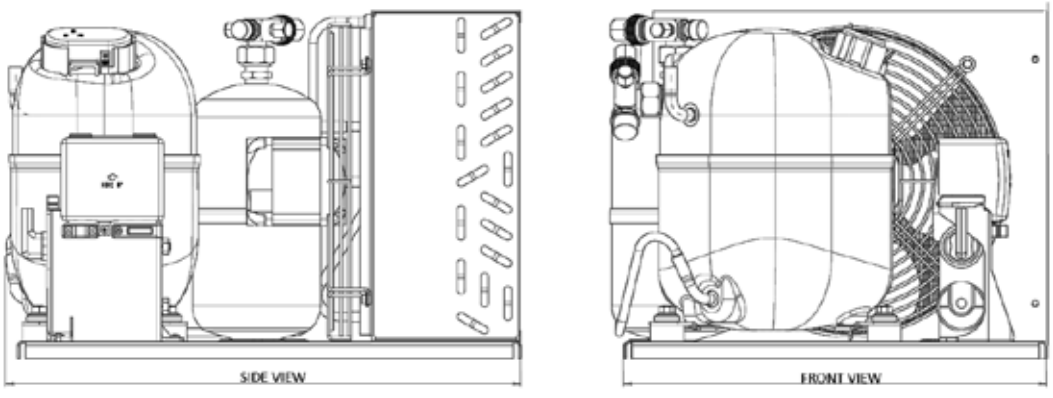


Fig. 4



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